ViewSonic™

VMP52
Digital Media Player

- User Guide
- Guide de l’utilisateur
- Guía del usuario
- Bedienungsanleitung
- Руководство пользователя
- 使用手冊

Model No.: VS12840

Compliance Information

CE Conformity for European Countries

CE The device complies with the EMC Directive 2004/108/EC and Low Voltage Directive 2006/95/EC.

Following information is only for EU-member states:
The mark is in compliance with the Waste Electrical and Electronic Equipment Directive 2002/96/EC (WEEE).
The mark indicates the requirement NOT to dispose the equipment including any spent or discarded batteries or accumulators as unsorted municipal waste, but use the return and collection systems available.

If the batteries, accumulators and button cells included with this equipment, display the chemical symbol Hg, Cd, or Pb, then it means that the battery has a heavy metal content of more than 0.0005% Mercury or more than, 0.002% Cadmium, or more than 0.004% Lead.

Important Safety Instructions

1. Do not use the equipment near water.
2. Wipe the machine with a soft and dry cloth.
3. Do not block any vent holes. Please install the product in accordance with the manufacturer's instructions.
4. Do not use the product on your legs for a long time because it gets hot and you may be burned.
5. Please avoid installing the product in a place where the temperature is above 40°C or lower than 0°C, or in a place that is moist or wet.
6. Protect the power cord plug, outlet, and connections to other equipment from damage by trapping and squeezing.
7. Please only use devices and accessories specified by the manufacturer.
8. The unit is hot pluggable. However it is recommended that the power be turned off before the memory card is inserted or removed.
9. Do not remove the memory card during data access. The data may be lost and the product could be damaged.
10. Disconnect the power cord if the product will not be used for an extended period.
11. Do not repair, disassemble, or modify the product. Only qualified ViewSonic personnel should check and repair any damage to the machine.
12. The unauthorized playing of certain audio or image files may infringe the related copyright laws under certain circumstances.
13. Do not adjust the volume to a high level, or the sounds may distort and become unpleasant.
14. When you view pictures for an extended period of time your eyes may become fatigued.
15. Careful attention should always be paid when moving the digital media player.
16. Make sure the place where the digital media player is placed is clean and dry.
17. If there is smoke, a strange smell or an abnormal noise, immediately turn off the digital media player and contact your dealer or ViewSonic.

Declaration of RoHS Compliance

This product has been designed and manufactured in compliance with Directive 2002/95/EC of the European Parliament and the Council on restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS Directive) and is deemed to comply with the maximum concentration values issued by the European Technical Adaptation Committee (TAC) as shown below:

Substance	Proposed Maximum Concentration	Actual Concentration
Lead (Pb)	0.1%	< 0.1%
Mercury (Hg)	0.1%	< 0.1%
Cadmium (Cd)	0.01%	< 0.01%
Hexavalent Chromium (Cr^{6+})	0.1%	< 0.1%
Polybrominated biphenyls (PBB)	0.1%	< 0.1%
Polybrominated diphenyl ethers (PBDE)	0.1%	< 0.1%

Certain components of products as stated above are exempted under the Annex of the RoHS Directives as noted below:
Examples of exempted components are:

1. Mercury in compact fluorescent lamps not exceeding 5 mg per lamp and in other lamps not specifically mentioned in the Annex of RoHS Directive.
2. Lead in glass of cathode ray tubes, electronic components, fluorescent tubes, and electronic ceramic parts (e.g. piezoelectronic devices).
3. Lead in high temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead).
4. Lead as an allotting element in steel containing up to 0.35% lead by weight, aluminium containing up to 0.4% lead by weight and as a cooper alloy containing up to 4% lead by weight.

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For Your Records

Product Name:	VMP52
	ViewSonic Digital Media Player
Model Number:	VS12840
Document Number:	VMP52-P-UK-E_UG_ENG Rev. 1A 07-15-09
Serial Number:	_____
Purchase Date:	_____

Product disposal at end of product life

ViewSonic is concerned about the preservation of our environment. Please dispose of this product properly at the end of its useful life. Your local waste disposal company may provide information about proper disposal.

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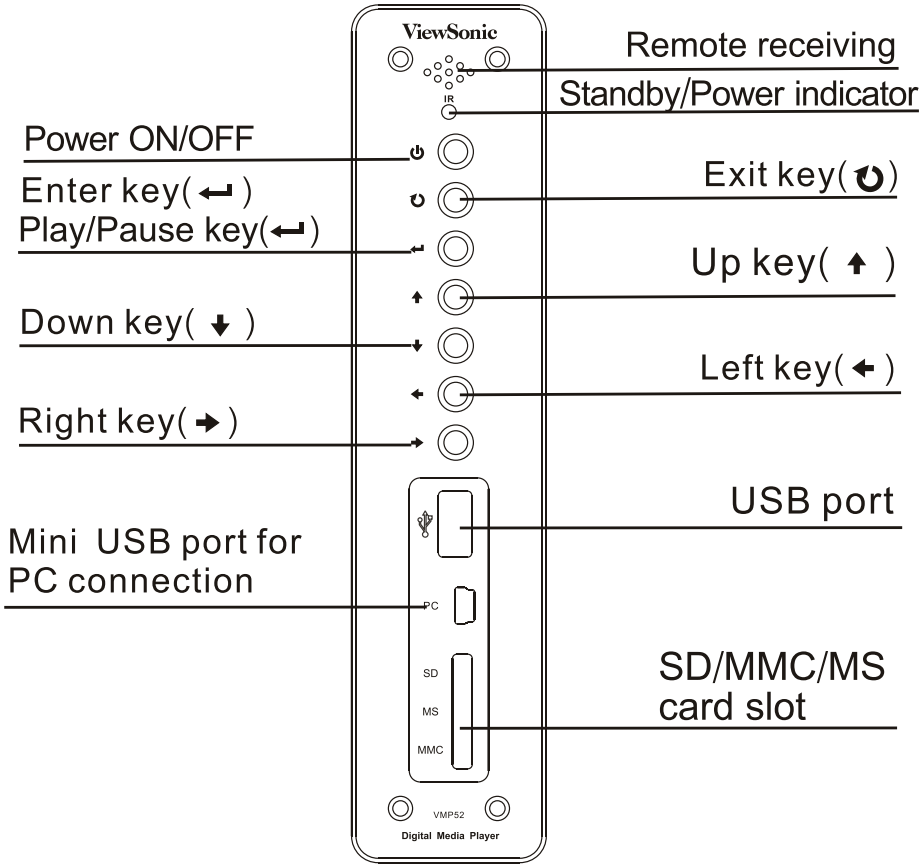
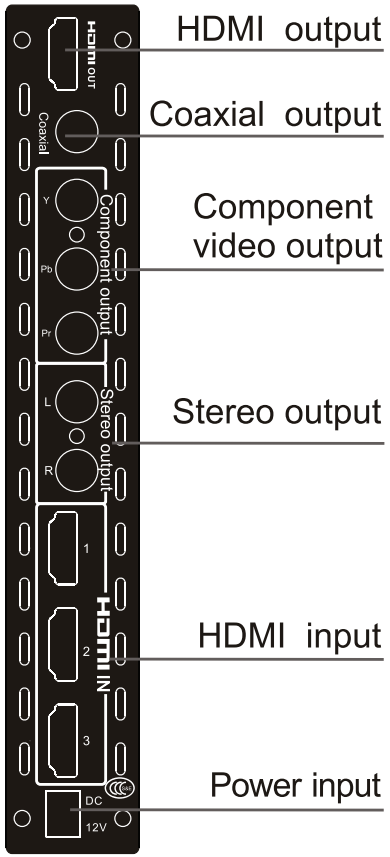
Simple Operation

Front pannel



Rear pannel



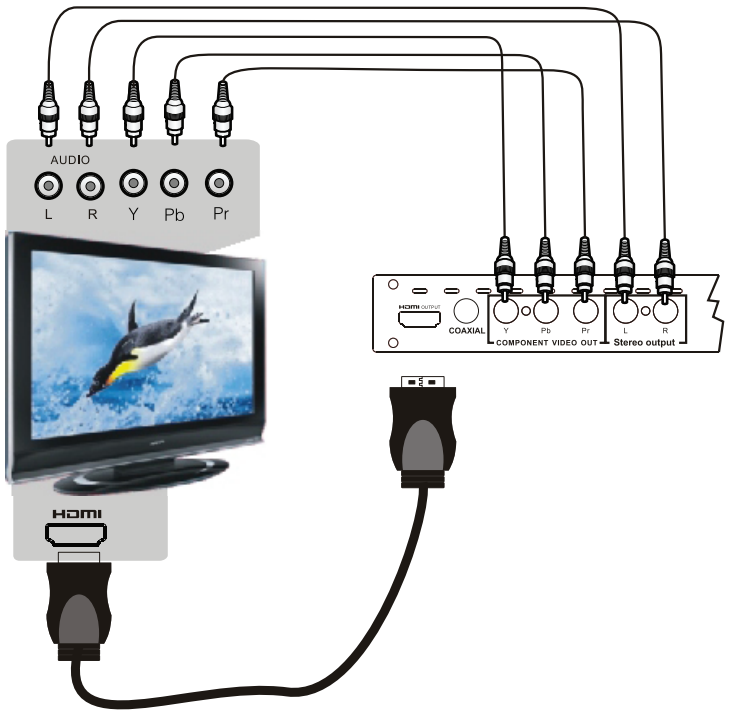
Note: When player is power on, standby indicator turns to green. When the player is in standby, the indicator turns to red.

Schematic Diagram of Remote Control

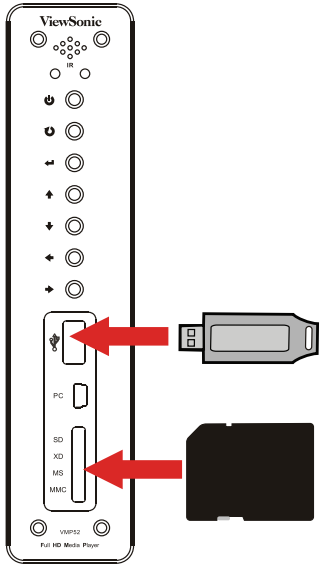
Item	Key-press	key function descriptiion
1	⏻	Standby/ Power Key
2	16:9/4:3	Switch between full screen and fit screen modes
3	SETUP	Shortcut to Setup page
4	INFO	Check info of playing file
5	■	Stop Key
6	⏮	Next Key
7	◀	Left Key
8	◀◀	Fast forward Key
9	SUBTITLE	Multi subtitles switch
10	AUDIO	Multi audio mode switch
11	🔇	MUTE key (ON/OFF sound)
12	1080P	HDMI 1080p mode
13	720P	HDMI 720p mode
14	PICTURE MODE	Multi picture display mode option
15	SOUND MODE	Multi audio mode option
16	MENU	Quit/ Return to main menu
17	SELECT	Select repeat playing
18	⏯	Play/Pause Key
19	SOURCE	Select HDMI signal input
20	⏭	Previous Key
21	▲	Up Key
22	▶	Right Key
23	ENTER	Selection confirm
24	▶▶	Fast backward Key
25	▼	Down Key
26	COLOR	Color temperature (Cool/Standard/Warm)
27	VOL+	Volume+ Key
28	ZOOM	Zoom in/ zoom out
29	VOL-	Volume- Key

Please undergoing the below operation before using the product

1. Connect HDMI cable or component cable, audio cable and power cord.

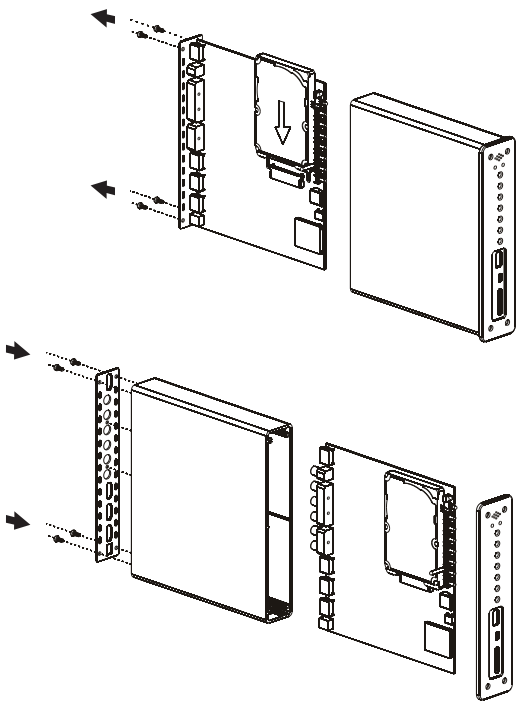


2. Insert USB device or memory card with media files.



3. Select the TVs HDMI input and power up the media player, after a few seconds the media player menu will be displayed.

Instruction to install the built-in SATA(2.5') HDD



1. Remove four hex screws from the rear (connector panel) using the supplied tool.
2. Slide out the rear cover, complete with circuit board. It may be necessary to push gently from the front by removing the front cover via four hex screws.
3. Place the SATA(2.5') HDD closely at the back of circuit board, then insert it into the SATA matching slot.
4. Tighten the screws on the SATA(2.5) HDD with the supplied tool.
5. Slide the circuit board along with the board slot into the main case, then tighten the screws on the main case.

Note:

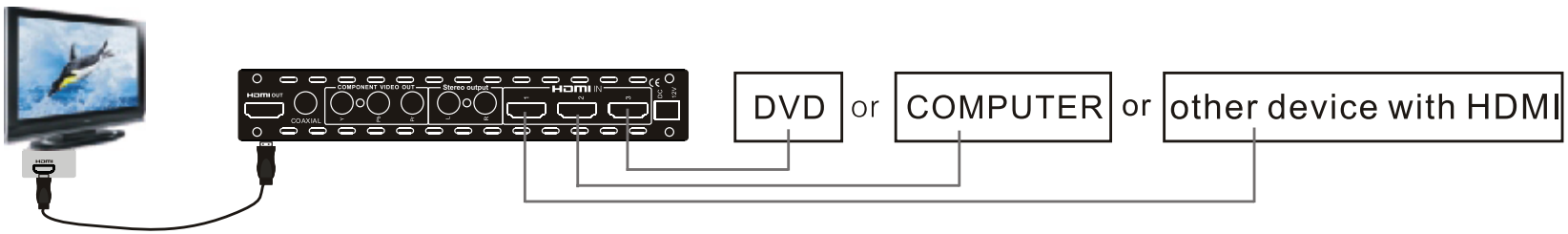
1) Please format the SATA(2.5') HDD before fitting it into the player.

2) Make sure not to damage embedded components on the circuit board.

3) After successful installation, enter setup menu, and choose "SATA" in device selection, for detailed instruction please refer to Page 11.

Three input HDMI switcher

1) Possible connections and devices depicted below:



2) Turn on TV set and the connected HDMI device.

3) Press **SOURCE** key in the remote control, the display will show “HDMI1, HDMI2, HDMI3, exit”, press ▲/▼ key to select HDMI source, and press **ENTER** key to confirm.

End-user License Agreement

Please read this agreement carefully before using the product:

Please ensure:

1) Do not dismantle the product for improper purposes.

2) Unauthorized access to hardware or software will result in a voided warranty.

How to use this User Manual:

Please read the User Manual carefully before using the product. Our company is not liable for any direct or indirect losses arising from hardware damage, program damage, file loss and system breakdown due to improper operations.

Precautions

Dear customer, thank you for buying our product. We sincerely hope that our product will bring pleasure and happiness to you. Please carefully read and pay special attention to the following before using the product:

- Do not expose the product to rains or damp environments to prevent fire or electric shock.
- Do not expose the product to rains, moisture, dripping or splashing to reduce the danger of fire, electric shock or product damage.

Safety Instructions

1) Do not place the power cord and plug of the adapter near heat sources.

2) Do not place any weight on the power cord and plug of the adapter.

3) Do not dismantle and repair the adapter and its power cord.

4) Do not open the enclosure of the product to ensure your safety. Please ask service-trained professionals to conduct maintenance if necessary.

Maintenance Tips

1) Do not dismantle components of the product on your own. The warranty mark will beinvalidated automatically if you dismantle and repair the product on your own.

2) Please contact our local warranty department to arrange maintenance properly if necessary.

3) To replace devices or accessories, please select the original ones designated by the manufacturer.

Functional Description

- HDMI digital interface with 720P/1080P(1920*1080) resolution.
- HDMI1.3 with 480p/720p/1080p video output. Component output supports 480p/720p/1080p.
- Unique design with three input HDMI switcher to reduce the number of cables routed to your display.
- Innovative built-in SATA(2.5')HDD slot.
- Support H.264, MPEG1/2/4, DIVX, XVID etc. true HD formats.
- Support HD Video formats such as TS, MKV, RM/RMVB, TP, AVI, VOB, DAT, MPG, MPEG, MOV etc.
- First Media Player worldwide supporting 720Presolution HDMI slot for RM/RMVB formats. Fully support RM8/RM9/RM10 formats.
- Surport Audio formats such as BTSC/A2/EIA-J, MPEG-1, MPEG-2(Layer I/II), AAC, HE-AAC.
- Read *.TXT with background music. Support E-book reading.
- Selectable colour temperature modes.
- Selectable audio modes
- Selectable video modes
- Support multi-subtitles and multi-audio tracks.
- Full function remote control.
- Support SD/MMC/MS cards. USB 2.0 Host.
- Coaxial audio output.
- 12V/1.2A power supply for stable performance.
- OSD Language: English/Traditional Chinese/French/German/Italian/Spanish/Polish/Russian

Packing List

Main unit	1 SET	QSG	1 PCS
Remote control	1 PCS	Adapter	1 PCS
COAXIAL cable	1 PCS	Hexagon tool	1 PCS
Screw	4 PCS		

In case of missing items, please feel free to contact your dealer without delay.

Connection of Signal and Memory Devices

1) Connecting Display Device

a) Method 1: Connection with component cable. Connect the Y(green), Pb(blue), Pr(red) component video output signal of the player to the corresponding input interfaces of the display device(e.g., TV component input jack), and connect the A/V cable to the display device.

b) Method 2: Connect display with HDMI.

c) Method 3: If you have several devices with HDMI output, such as DVD, PC etc, you can connect them with this media player via the HDMI slot in the real panel and output to the desired display.

Note: Factory default video output is YPbPr 720P.

2) Connection to Memory Devices

a) The player has USB HOST interface, which can be used for connecting USB memory sticks, external HDD and other USB memory devices.

b) The player has a 3 in I card slot compatible with SD/MMC/MS cards.

c) AMini USB connector allows connection to a computer for transferring media to the integrated HDD, if installed. (Note: Make sure the media player is powered on before connecting PC with USB cable) .

Player Setup

After connecting as described previously, turn on the player, then it will start initialization (the green indicator will be illuminated), and the screen will display “Loading…”. After the completion of initialization, the main menu page will display, including photo, music, movie, text and setting icons. Press ◄/► key of RC to select “**Setting**” icon, then it will show as below picture:
In this page, press **ENTER** key to confirm, and press **UP/DOWN** key to select icon, and press ◄/► key to adjust data.
The parameter setup includes the following items:

- **Language**: Select OSD 8 languages (English/Traditional Chinese/French/German/Italian/Spanish/Polish/Russian)

- **Repeat**: Set the repeat modes. There are Repeat All/ None/Select for options.
- **Slideshow speed**: Set the picture slideshow refresh speed, There are Medium/Slow/Fast for options.
- **Movie screen**: Set movie aspect ratio, Full screen/Normal ratio for option.
- **Setting**: 1080P or 720P .
- **Device selection:** Choose the built-in SATA(2.5') HDD or external USB device.

Note: when connecting with PC, the player default to SATA HDD mode

- **Restore Factory Default**: Factory Default .

Playing Operations

1) Photo playing

Correctly insert memory device, In the main menu page, press ◄/► key to select "**Photo**" icon, then all the file names in this folder will be listed, press **ENTER** key to enter folder and press **UP/DOWN** key and **ENTER** key to select desired file to play. Picture profile will be shown on the right of the screen, and preview starts in thumbnail window.

A. In the photo content page, you can

- Press **UP/DOWN** key to select "Up Folder", and press **ENTER** key to return to the previous menu page.
- Press ⏮/⏭ key to turn to previous or next page .
- Press **UP/DOWN** key to move the cursor to select desired picture.
- Press ⏯ key to play single picture in full screen, and slideshow will start.
- Press **MENU** key to return to main menu page.
- Press **SELECT** key to select repeat playing function: ① when the cursor moves to the folder name. Press **ENTER** key, it will pop up "select all" or "unselect". Press ◄/► key to select, and Press **ENTER** key to confirm; ② if the cursor moves to the file, press **SELECT** key to tick, player will repeat play the ticked file until the tick is canceled.

B. In the full-screen picture display status, you can

- Press **MENU** key or ■ key to return to the files content page.
- Press ⏯ key to pause slideshow, and display single picture. Press again to restart.
- Press ⏮/⏭ key to play previous/next picture.
- Press **INFO** key, the relevant information of the picture will be shown on the screen.

2) Music playing

In main menu, press ◄/► key to select “Music” icon, then press **UP/DOWN** key to choose folder. All the available folder names will be listed. Press **ENTER** key to enter the desired folder. Press **UP/DOWN** key and **ENTER** key to choose desired file. Audio file profile will appear in bottom right of display and preview starts in thumbnail window. Press **ENTER** key to enter playing page. ID3 info, process bar, time and frequency spectrum will appear in bottom right of display. Songs contents are displayed on the left.

A. In music file content page, you can:

- Press **UP/DOWN** key to select “Up Folder”, and press **ENTER** key to return to the previous menu page.
- Press **UP/DOWN** key to move cursor, to select desired song by **SELECT** key.
- Press ⏮/⏭ key for previous/next page.
- Press **ENTER** key to enter music playing mode.
- Press **MENU** key to return to main menu.
- Press ⏯ key to play music and enter music playing mode.

B. In music playing mode, you can:

- Press **MENU** key or ■ key to return to file content page.
- Press **MUTE** key to mute the sound. Press again to resume.
- Press **Play/Pause** key to play or pause music.
- Press **VOL+/-** key to adjust volume.
- Press **UP/DOWN** key to move cursor, press **SELECT** key to play selected song.
- Press ⏮/⏭ key to select previous or next song.
- Press ◀◀/▶▶ key for fast backward and fast forward. 2x/4x/8x/16x are available.

3) Movie playing

In main menu page, press ◄/► key to select "**Movie**" icon, then press **UP/DOWN** key to select folder. All the folder names will be listed. Press **ENTER** key to enter the desired folder. Press **UP/ DOWN** key and **ENTER** key to select desired file. Video file profile will appear in right of display and preview starts in right thumbnail window.

A. In movie file content page, you can:

- Press **UP/DOWN** key Select "Up Folder", and press ENTER key to return to the previous menu page.
- Press **UP/DOWN** key to move cursor to select desired movie by select key.
- Press ⏮/⏭ key for previous/next page.
- Press **ENTER** key to enter movie playing page.
- Press ⏮/⏭ key for previous/next page.
- Press **ENTER** key to enter movie playing page.
- Press **MENU** key to return to main menu page.
- Press **ENTER** key to play movie.

B. In movie playing mode, you can:

- Press **MENU** key or ■ key to return to file content page.
- Press **MUTE** key to mute sound, press again to resume.
- Press **VOL+/-** key to adjust volume.
- Press ⏯ key to play or pause.
- Press **INFO** key to display video file profile.
- Press ⏮/⏭ key to select previous or next video file.
- Press ◀◀/▶▶ key for fast backward and fast forward. 2x/4x/8x/16x are available.

4) E-book playing

In main menu page, press ◄/► key to select “TEXT” icon. Then press UP/DOWN key and ENTER key to enter desired one.

In E-book playing mode, you can:

- Press **MENU** key or ■ key to return to file content page .
- Press ⏮/⏭ key for previous or next text file.
- Press ◀◀/▶▶ key for page down.

Specifications

Interface	Stereo output: 2 connector	Audio characteristics	Audio output level (V): 2.00+0.0/-1.0
	Coaxial audio output: 1 connector		
	Component signal output : 3 connector		Audio SNR (dB) ≥85
	HDMI output: 1 connector; HDMI input:3 connector	Power voltage	12V
Video characteristics	VIDEO 1.0Vp-p (75Ω load)	Power consumption	≤10W
	Y: 1.0Vp-p PB/PR: 0.7Vp-p		
Weight	about 860g	Dimensions	195x126x45mm

Tip

* A simple file folder system will greatly accelerate the response speed of the system. More complicated file folders will bring extra load to the system, and affect the processing speed of the system. A single file folder system is recommended.
* Try to use English and Chinese character for the folder name. Characters no more than 10.
* When the system is busy in processing your previous operation, please do not press keys excessively frequently; otherwise, the processing speed of the system will be adversely affected.
* If any fault occurs due to misoperation, please restart and the system will re-initialise.

Note 1: Due to continuous development of the system, the actual display and operation may differ from the operating instructions.

Note2: The design and specifications of the product are subject to change without prior notice.

Appendix

Support media format

Function Module	Container		Resolution / Max specification
Movie	.avi		1080p/1080i/720p
	.vob		480i/576i
	.ts		1080p
	.tp		1080P
	.mov		1080p
	.mkv		1080P
	.dat		480i
	.mpg		1080p
Music	MP3		Sampling: 8k~48kHz
	WMA		Bit rate: 32k~320KHz
Photo	JPEG		6000x6000
	BMP		
	PNG		
Subtitle	.SRT/.SSA		Video and Subtitle need same file name.
Movie File Format	MPEG1	.DAT/.MPG	\
	MPEG2	.MPG	Up to 40Mbps
	MPEG4	.Avi, Divx, Xvid	Up to 20Mbps
	H.264	.MKV/.MOV	Up to 20Mbps
Text	.txt		

Note 1: Video does not support Divx3, Divx6, VC1,WMV,RV20 and MP42.

Note 2: Audio does not support Dolby HD, DTS, Sony ATRAC3

Customer Support

For technical support or product service, see the table below or contact your reseller.
Note: You will need the product serial number.

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Limited Warranty

ViewSonic Digital Media Player

What the warranty covers:

ViewSonic warrants its products to be free from defects in material and workmanship, under normal use, during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, ViewSonic will, at its sole option, repair or replace the product with a like product. Replacement product or parts may include remanufactured or refurbished parts or components.

How long the warranty is effective:

ViewSonic Digital Media Player are warranted for 1 year for labor from the date of the first customer purchase.

Who the warranty protects:

This warranty is valid only for the first consumer purchaser.

What the warranty does not cover:

1. Any product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
    a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
    b. Repair or attempted repair by anyone not authorized by ViewSonic.
    c. Causes external to the product, such as electric power fluctuations or failure.
    d. Use of supplies or parts not meeting ViewSonic's specifications.
    e. Normal wear and tear.
    f. Any other cause which does not relate to a product defect.
3. Any product exhibiting a condition commonly known as "image burn-in" which results when a static image is displayed on the product for an extended period of time.

How to get service:

1. For information about receiving service under warranty, contact ViewSonic Customer Support (please refer to Customer Support page). You will need to provide your product's serial number.
2. To obtain warranted service, you will be required to provide (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
3. Take or ship the product freight prepaid in the original container to an authorized ViewSonic service center or ViewSonic.
4. For additional information or the name of the nearest ViewSonic service center, contact ViewSonic.

Limitation of implied warranties:

There are no warranties, express or implied, which extend beyond the description contained herein including the implied warranty of merchantability and fitness for a particular purpose.

Exclusion of damages:

ViewSonic's liability is limited to the cost of repair or replacement of the product. ViewSonic shall not be liable for:

1. Damage to other property caused by any defects in the product, damages based upon inconvenience, loss of use of the product, loss of time, loss of profits, loss of business opportunity, loss of goodwill, interference with business relationships, or other commercial loss, even if advised of the possibility of such damages.
2. Any other damages, whether incidental, consequential or otherwise.
3. Any claim against the customer by any other party.

ViewSonic™